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#### BEFORE THE FEDERAL COMMUNICATIONS COMMISSION Washington, D.C.

Federal Commissions Commission Office of Secretary

In Re		
)		
Amendment of Section 73.202(b))	MM Docket	
Table of Allotments, )	RM	
FM Broadcast Stations )	<del></del>	
Jacksonville and Center, Texas)		

To: Chief, Policy and Rules Division

#### PETITION FOR RULEMAKING

Robert W. Shivery ("Shivery"), by his attorney, hereby petitions for amendment of Section 73.202(b) of the Commission's Rules, Table of FM Allotments, to substitute Channel 272C2 for Channel 272A at Jacksonville, Texas, and to substitute Channel 263A for Channel 262A at Center, Texas.

Shivery is the licensee of Station KLJT(FM), Jacksonville, Texas, which currently operates on Channel 272A. As shown in the attached Engineering StAtement, Channel 272C2 can be substituted for Channel 272A at Jacksonville, Texas, with a site restriction of 13.4 km to the southeast of that community if the Channel of operation of Station KDET-FM, Center, Texas, is changed from 272A to 263A. As further shown in the Engineering Statement, if KLJT were to operate from the proposed reference point for Channel 272C2, it would place a city grade signal over the entire

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<sup>&</sup>lt;sup>1</sup>Channel 263A cannot be substituted for Channel 272A at Center, Texas, using the existing KDET-FM transmitter site as a reference point. However, as reflected in the attached statement from Dudley Waller, the proposed transferee of the licensee of KDET-FM in BTCH-980209EB, Mr. Waller has agreed to change transmitter site of KDET-FM to accommodate the proposed substitution of Channel 272C2 at Jacksonville, Texas.

community of Jacksonville. Finally, the Engineering Statement shows that the relocation of KDET-FM's site necessitated by the proposed change in the station's channel of operation to 263A would result in a net gain in both the area and population served by KDET-FM. In so far as a portion of the area and population currently served by KDET-FM would lose service from the station as a consequence of the contemplated site change, the Engineering Statement shows that the entire loss area receives primary FM service from 17 other stations.

If this Petition is granted, Shivery will file an application for a construction permit to implement the upgrade of Station KLJT's facilities at a new site and will construct the new facilities for the station expeditiously following grant of such application.

Respectfully submitted,

Davia Fillotson

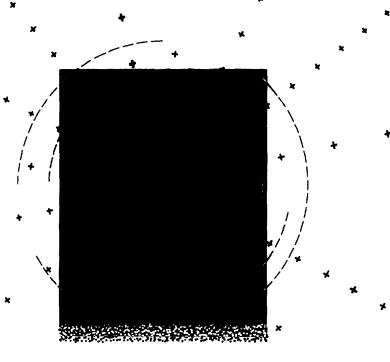
4606 Charleston Terrace, N.W.

Washington, DC 20007

Tel: 202/625-6241

Robert W. Shivery

Date: March 19, 1998



# WHEELER BROADCAST CONSULTING

### Robert W. Shivery

Petition for Rule Making

Rule Making to:

Amend 47 CFR 73.202(b)
Substitute Channel 272 C2 for Channel 272 A
Jacksonville, TX
Substitute Channel 263 A for Channel 272 A
Center, TX

March - 1998



## WHEELER BROADCAST CONSULTING

#### Engineering Statement

#### Petition for Rule Making

This consultant has been retained on behalf of Robert W. Shivery, licensee of KLJT in Jacksonville, TX, for the purpose of preparing technical support to a Petition for Rule Making to amend the FM Table of Allotments, 47 CFR 73.202(b), so as to add Channel 272 C2 to Jacksonville, TX in place of Channel 272 A and to modify the license of KLJT accordingly. So as to provide compliance with 47 CFR 73.207 it is further proposed that Channel 263 A be substituted for Channel 272 A in Center, TX and the license of KDET-FM be modified so as to accommodate the change at Jacksonville.

#### Chennel 272C2, Jacksonville, TX (KLJT)

A full search of the Commission's February 28, 1996 FM database was performed and it was found that, with the exception of the licensed operation of KDET-FM in Center, TX, Channel 272 C2 could be substituted for Channel 272A at Jacksonville, TX with the imposition of a 13.4 km S.E. site restriction. The United States Census Bureau reports that the coordinates of Jacksonville, TX are:

6025 MARTWAY SUITE 112 MISSION, KS 66202 913.362.7282 913.362.7287 N 31° 57' 55" W 95° 15' 36".

The point nearest to Jacksonville which meets the minimum spacing requirements 47 CFR 73.207 has the coordinates of:

N 31° 52' 52" W 95° 09' 30"

The point nearest to Jacksonville is thus chosen as the allocation reference point. A copy of the Commission's database search, demonstrating compliance with 47 CFR 73.207 at the allocation point, is included in this report as Exhibit 1.

From the proposed Class C2 allocation point the contours of a standard Class C2 (50 kW at 150m HAAT) radio station were predicted and it was found that the proposed Class C2 facilities would indeed illuminate the entire corporate boundaries of Jacksonville, TX with a signal well in excess of 70 dBu as prescribed by 47 CFR 73.315 of the Rules. A digitally generated map showing the 60 dBu and 70 dBu contours of the proposed Channel 272 C2 operation, as well as the city of Jacksonville, TX, is included in this report as Exhibit 3.

#### Comparative Service - KLJT

The 60 dBu contour of the proposed Channel 272 C2 operation completely encompasses the 60 dBu contour of the licensed LLJT operation. As such, there is no loss area involved with the proposed substitution. As presently licensed, KLJT serves an area encompassing 1815.7 km². The proposed Class C2 facilities would serve an area of 8298.0 km², an increase of 6,482.3 km². The increase in area represents an increase of 357%. As presently licensed, KLJT serves a population of 47,209 persons. The proposed Class C2 facilities would serve a population of 199,376 persons, an increase 152,167 persons or 322.3%. A digitally generated map, comparing the licensed KLJT 60 dBu service area and the proposed Channel 272 C2 service area is included in this report as Exhibit 8.

#### KDET-FM - Center, TX

The proposed Channel 272 C2 substitution in Jacksonville, TX would short space the licensed operation of KDET-FM by 76.54 km. So as to eliminate the short spacing it is proposed that Channel 263 A be substituted for Channel 272 A at Center, TX. Channel 263 A will not meet the minimum spacing requirements of 47 CFR 73.207 at the licensed KDET-FM transmitter site however KDET-FM has agreed<sup>2</sup> to change transmitter sites in order to move to Channel 263 A.

<sup>&</sup>lt;sup>1</sup> KLJT is currently licensed with 3 kW ERP but has filed a mutual upgrade application, along with KDET-FM, seeking an increase in power to 6 kW. As of this writing the application has not appeared on public notice and has not been assigned a file number. Even when the 6 kW operation of KLJT is compared with the proposed Class C2 replacement we find that the 60 dBu contour completely encompasses 60 dBu contour of KLJT.

<sup>&</sup>lt;sup>2</sup> The site move agreement is with Walter Broadcasting, Inc. who is the proposed assignee of KDET-FM. See BTCH-980209EB.

Engineering Statement Page 3

The coordinates of Center, TX are listed by the United States Census Bureau as:

N 31° 47′ 37″ W 94° 10′ 42″

The point nearest to Center, TX in which the minimum spacing requirements of 47 CFR 73.207 are met on Channel 263 A, the proposed allocation point, is 12.36 km S.W. of Center and has the coordinates of:

N 31° 42' 13" W 94° 06' 05"

A search of the Commission's February 28, 1998 FM database, demonstrating compliance with 47 CFR 73.207 on Channel 263 A at Center, TX, is included in this report as Exhibit 2<sup>3</sup>. The predicted 60 dBu and 70 dBu contours of a model Class A radio station (6 kW at 100m HAAT) were calculated from the allocation reference point and it was determined that the entire corporate boundaries of Center, TX were encompassed by the predicted 70 dBu contour of the proposed substitution. A digitally generated map, showing the 60 dBu and 70 dBu contours as well as the city of Center, TX is included in this report as Exhibit 4.

#### Comparative Service - KDET-FM

The Channel 263 A replacement for KDET-FM involves a site change and, as such, there will be areas of loss and areas of gain. In order to determine the extent of the gain and loss areas a digitally generated map was created that shows both the existing, licensed, KDET-FM 60 dBu service area as well as the Channel 263 A replacement 60 dBu service area. A copy of that map is included in this report as Exhibit 5. From exhibit 5, the areas of gain and loss were measured by employing a K&E model 620,000 polar planimeter and the loss area was measured to encompass 505.75 km². The gain area, in contrast, encompasses 1,361.2 km². The total service area of KDET-FM, when calculated by the arithmetic average of 360 radials, would increase from the presently licensed 1676.3 km² to 2461.5 km², an increase of 785.2 km² or 46.8%.

<sup>&</sup>lt;sup>3</sup> The allocation point for Channel 263 A at Center, TX fully protects the allocation point for Channel 262 A at Tatum, TX. An application has been filed for Channel 262A at Tatum (BPH-970706IB) which, when granted, will be much less restrictive to KDET-FM however, so as to not delay grant of this proposed Rule Making, the most restrictive preclusion was used for the purpose of this report.

The population presently served by KDET-FM is 20,571 persons according to the 1990 US Census. The proposed Channel 263 A substitution facilities would serve a total population of 22,281 persons, an increase of 1,710 persons or 8.3%.

#### Additional Aural Services in Gain and Loss Areas

So as to assure that no white or gray area would be created as a result of the change in altocation at Center, TX additional exhibits were prepared. Exhibit 6 of this report is a digitally generated map showing the gain area and loss area surrounding the proposed KDET-FM substitution as well as the 60 dBu contour of other licensed FM radio stations. From Exhibit 6 we find that the loss area is served, in part<sup>4</sup>, by 17 additional FM radio stations. The gain area is served, in part, by 12 additional FM radio stations. No part of the loss area is served by less than 2 other FM radio stations. Two parts of the gain area, one encompassing 338.1 km² and the other encompassing 60.7 km², is served by only one other FM service. Additionally, one part of the gain area, encompassing 26 km², would in fact receive its first FM service from the proposed Channel 236 A allocation facilities. A similar digitally generated map was created in Exhibit 7 that examines the number of additional AM radio stations that provide service<sup>5</sup> to the gain and loss areas. From exhibit 7 we find that the loss area is served, in whole or in part, by 6 AM radio stations and that the gain area is served, in whole or in part, by 5 AM radio stations. From exhibits 6 and 7 we find that no portion of the loss area is served by fewer than 5 radio stations and, as such, no portion of the loss area is underserved.

#### Methodology

All information for FM facilities was gleaned from the February 28, 1998 release of the Commission's FM database. All height above average terrain calculations were based on 8 cardinal radials as set forth in 47 CFR 73.313 and terrain data was extracted by a linear interpolation of the NGDC 30 second terrain database.

<sup>&</sup>lt;sup>4</sup> No other FM radio signal serves the entire loss area or the entire gain area.

<sup>&</sup>lt;sup>5</sup> Large portions of the KDET-FM service area, both present and proposed, are comprised of rural areas or communities with populations of less than 2,500 persons. There are, however, cities with populations in excess of 2,500 in the service areas and, as such, the more restrictive 2 mV/m daytime groundwave contour was utilized in the determination of service in accordance with 47 CFR 73.182(b) of the Rules.

Predicted service contours were based on 360 eventy spaced radials and population determinations were based on a digital overlay of minor civil subdivision data as provided by the PL-94-171 census data files. The census files draw data from the 1990 US Census and the algorithm utilizes the block centroid retrieval methodology. Area determinations were measured by employing a K&E model 620000 Polar Planimeter or on an arithmetic average of the 360 distance determinations as identified.

#### Conclusion

The public interest is clearly served by the preferential arrangement of the table of allotments as requested in this petition. KLJT would benefit by increasing service area by 357% and population served 322%. This while allowing KDET-FM to increase its service area by 46.8% and its population service base by 8.3%. No white or gray area is created as a result of the rearrangement. Accordingly, it is respectfully requested that 47 CFR 73.202(b), the Commission's FM Table of Allotments, be amended to read as follows:

Community	Present	Proposed
Jacksonville, TX	272 A, 293 C	272 C2, 293 C
Center, TX	272 A	263 A

#### Certification

All information contained in this report is true and accurate to the best of my belief. Having had numerous matters before the Commission, my qualifications are a matter of record.

ee Wheeler

#### KLJT Class C2 Allocation Point

RE 31 95	FERENCE 52 52 N 09 30 W		Current CHANNEL	CLASS C2 rules spac 272 -102.3	cings 8 MHz -	· ***** **** **** **** **** **** ****	DISPL DATA SEARCH	AY DATES 02-28-98 03-02-98
	CALL TYPE	CH# CITY LAT LNO	G		BEAR'	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
	KLJT LI CN	272A Jackson 32 01 52 95 Robert Warren	ville 17 56 Shivery	TX 3.000 kW	321.6 100M	21.29 13.2 BLH93092	166.0 103.2 20KH	-144.71 *
	KDETFM LI CN	272A Center 31 50 03 94 Center Broadca	12 53 asting Co	TX 3.000 kW o., Inc.	93.1 91M	89.46 55.6 BLH7881	166.0 103.2	<b>-76.54</b> *
	AP274 AP CN	274A Winona 32 22 04 95 Huggins & Gran per D95-123	02 44 nsee Broa	TX 6.000 kW adcastin	11.1 100M	55.00 34.2 BPH96022	55.0 34.2 22MF	0.00 *
	LI CY	271C Fort Wor 32 34 54 96 CBS, Inc.	58 32 1	100.000 kW	441M	116.9 BLH91050	116.8 08KB	
	AP274 AP CN	274A Winona 32 27 12 95 B K Radio	07 58	TX 6.000 kW	2.2 100M	63.50 39.5 BPH96022	55.0 34.2 20MH	8.50
		274A Winona 32 28 00 95 Metrosound of	08 53	TX 6.000 kW (as	100M	40.4	34.2	9.94
	AL N	274A Winona 32 29 22 95 95-123	10 01 <b>WO</b> =	0.000 kW	OM	41.9	34.2	
	>EIIect	ive 1-22-96						
	AP ZCN	271C3 Blanchar 32 18 17 93 Harvest Broadd ely Filed	52 45			129.57 80.5 93121	72.7	12.57
	AP274 AP DCN	274A Winona 32 28 52 95 Oara, Inc. ed 960930	01 36	TX 6.000 kW	100M	67.68 42.1 BPH96021	34.2	12.68

#### CLASS C2

CALL TYPE	CH# CITY LAT LNG	STATE PWR	BEAR'	D-KM R D-Mi R	-KM MARGIN -Mi (KM)
	270C2 Huntington 31 22 08 94 38 45 Angelina Broadcasting	TX 24.500 kW	139.4 203M	74.77 5 46.5 3	8.0 16.77 6.0
AP274 AP CN	274A Winona 32 32 21 95 13 16 Michael Harris	TX 2.500 kW	355.4 15 <b>5M</b>	73.21 5 45.5 3 BPH960222M	5.0 18.21 4.2 E
AP CN	274A Winona 32 32 21 95 13 16 Radio Sun Group of Tes ad 970513	6.000 KW	100M	45.5 3	4.2
	274A Winona 32 33 14 95 12 49 Winona Airwave Company	TX 6.000 kW	356.0 100M	74.78 5 46.5 3 BPH960222M	5.0 19.78 4.2 H
AP271 AP CN	271C3 Blanchard 32 36 08 93 54 23 L & L Broadcasting Con	LA 25.000 kW	55.4 100M	142.53 11 88.6 7	7.0 25.53 2.7
ALOPEN AL N	271C3 Blanchard 32 35 18 93 53 31 93-13 WO	LA 0.000 kW = 931116	56.2 0M	142.82 11 88.8 7	7.0 25.82 2.7 931216
AP271	Restricted-Effective 13 271C3 Blanchard 32 40 17 93 57 24 Delaney Broadcasting,	LA 25.000 kW	51.8 100M	143.16 11 89.0 7	7.0 26.16 2.7
AP271 AP CN	271C3 Blanchard		55.2 166 <b>M</b>	143.44 11	7.0 26.44 2.7
AP CN	271C3 Blanchard 32 34 32 93 52 06 SAHHJM/FM ely Filed	LA	57.2	143.93 11	7.0 26.93 2.7
AP271	271C3 Blanchard 32 35 41 93 52 50 Outstanding Broadcast:			144.10 11 89.6 7 931216M	2.7
	271C3 Blanchard 32 40 39 93 55 41 Poke Salad Broadcastin	15.000 kW		145.71 11 90.6 7 931216M	2.7

#### CLASS C2

CALL TYPE	CH# LAT		LNG			STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
-								189.47		31.47
L1 CN					100.0	_		117.8 BLH8403		
KKYRFM								199.08		41.08
LI CN					100.0 ons Te	-		123.7 BLH8912		
KMJQ	271C	Houst	on			тх	184.9	236.12	188.0	48.12
-	29 45	32 9	95 22	03	13.0	00 kW	240M	146.8 BLH8404	116.8	
>** Thi										ton, Texa

## Alternate Channel KDET Center, TX

RI 1	FERENCE 42 13 N 06 05 W			Current CHANNE	CLASS A t rules spa L 263 -100.	cings 5 MHz	uar agas agas atas atas atas atas atas ata	DISPL DATA SEARCH	AY DATES 02-28-98 03-02-98
	CALL TYPE	CH# LAT	CITY	3	STATE PWR	BEAR HT	' D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
	ALOPEN AL N	262A 32 1: 96-10	Tatum 3 35 94	33 11	TX 0.000 kW	323.9 0M	71.99 44.7	72.0 44.8	-0.01 *
	>Chang >Site	e of C	ommunity ction 10.	from Cl 2km Sou	nannel 2600 uth-Effecti	3, Henove 3-3	derson, 1 -97-Rese	rx rved fo	r KGRIFM
	>D96-1	0-Peti	tion for	Recon 1	096-10 file	d 2-28	-97-Dism	issed M	0&0 D96-1
	KRRVFM CP CN	262C 31 10 Champ:	Alexandı 6 25 92 ion Licer	ria 25 43 nsing Si	LA 40.000 kW ubsidiary	106.3 50 <b>M</b>	165.94 103.1 BPH9710	165.0 102.6 22ID	0.94 < 990622
	>ror a	uxiiia	ry purpos	ses only	7 LA				
	LI CY	31 0: KDBS,	1 59 92	30 08	100.000 kw	321M	105.2 BLH9005	102.6	4.55
	AP ZCN	32 2	Tatum 2 06 94 Broadcast	30 43	TX 3.300 kW nc. son, TX, pe	136M	83.29 51.8 BPH97070	44.8	
	>F1led	2-28-9	97-Dismis	sed MO	son, TX, pe ko D96-10,	970815	IU-Petit.	ton for	Recon Da
	>Amend								
	ALOPEN AL N	264C3 31 5	Natchito 56 93	oches 03 12	LA 0.000 kW	80.5 OM	100.57 62.5	89.0 55.3	11.57
	>From ( >Reserv	Channe: ved for	l 240A per r KZBL pe	er D96-2 er One-2	241 Step Applic	ation 1	BPH-97061	L1IH	
	AP ZCN	31 48 Bundr	3 17 93 ick Commu	01 27 mic <b>at</b> io	LA 25.000 kW ons, Inc.	75 <b>M</b>	63.8 BPH97061	55.3 L1 <b>IH</b>	
	>One-Si >Amende	tep Apı	plication	from (	Channel 264	<b>A-From</b>	Channel	240A pe	er D96-24
	KRMDFM LI CY	32 41	Shrevepo 1 08 93 of Louis	56 00	100.000 kW	8.2 341 <b>M</b>	110.03 68.4 BLH85022	59.0	15.03
	AD264	264C2	Overton		ТX	312.5	123.74	106.0	17.74

#### CLASS A

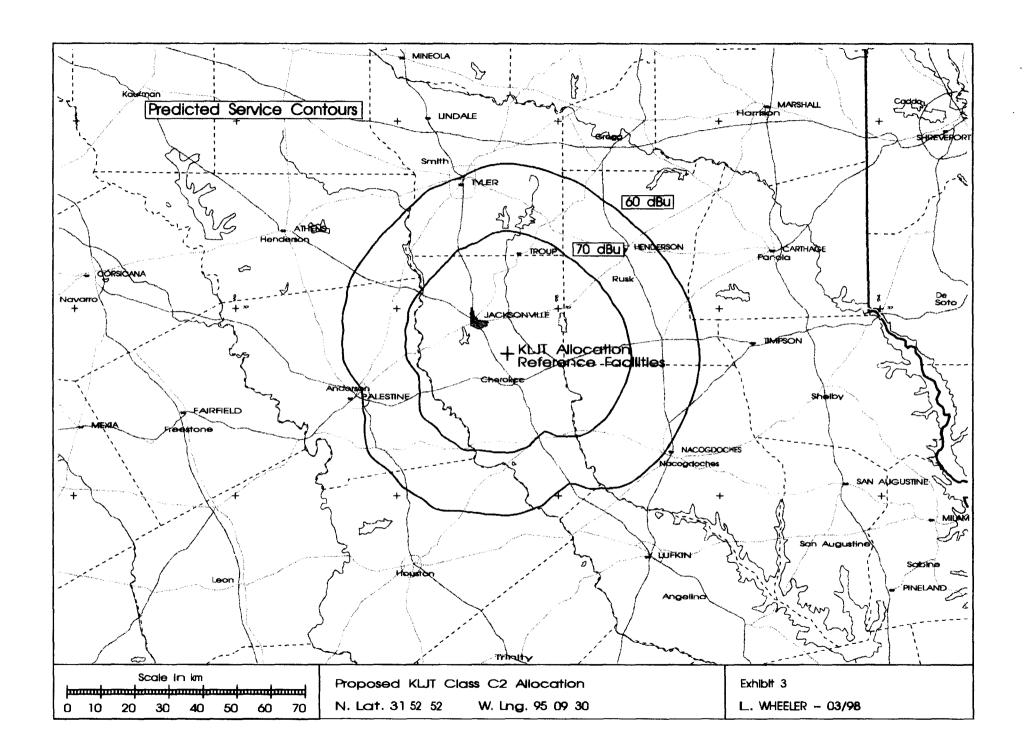
CALL TYPE	CH# LAT	CITY LNG	S	TATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
AD >Site	32 27 <b>Bow</b> ie- Restric	7 09 95 04 Nocona Broation 21.8km	23 0.00 adcasting Co	0 kW	OM	76.9 RM9095	65.9	970421
DE264 DE >Count	33 04 Bowie	Mount Pleas 136 95 14 Nocona Bros Dsal	sant 26 0.000 adcasting C	TX : 0 kW	325.3 OM	186.20 115.7 RM9095	165.0 102.6	21.20 970421
KPXI LI CN	264C 33 04 East 1	Mount Pleas 1 36 95 14 Texas Broadd	sant 26 100.00 casting, Inc	TX : 0 kW	325.3 300M	186.20 115.7 3LH87092	165.0 102.6 4KB	21.20
		Winnie 3 05 94 31 nor License						
ALOPEN AL N >Effect	260A 31 55 96-10 tive 3-	Mount Enter 5 06 94 40 -3-97 per D9 0&0 D96-10,	rprise 54 0.000 WO= 97030 WO-Petit	TX 2 0 kW 03	293.7 OM	59.88 37.2	31.0 19.3	28.88 970403
>*To Cl	96-241 h <b>annel</b>	Natchitoche 3 18 93 01 264C3 per ( 27-97-Rese	ne-Step Ap	plicat	tion BI	PH-97061		30.63
>Amende	oara, ed 970 <i>6</i>	Mount Enter 26 94 43 Inc. 512 Recon D96-			1	3PH9/U4U	3AD	9/0626
>*To Cl	Dean E nannel	Henderson 7 36 94 47 Broadcasting 262A, Tatus Recon D96-	57 7.100 J, Inc. A, TX per D	0 kW 96-10	132M	50.3 BLH93122	26.1 1KA	
KZHE LI CN	33 28	Stamps 3 34 93 16 mmunication	23 50.000		150M	211.38 131.4 3LH92041	103.2	45.38
KMVLFM	263C3	Madisonvill	.e :	rx 2	249.9	187.89	142.0	45.89

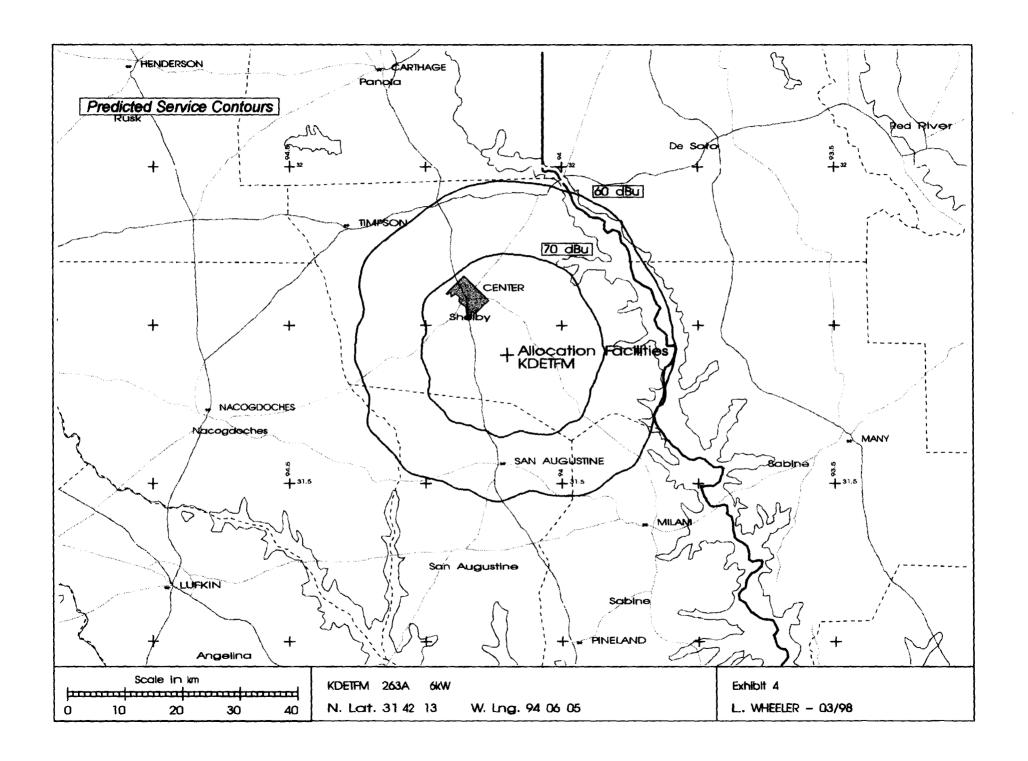
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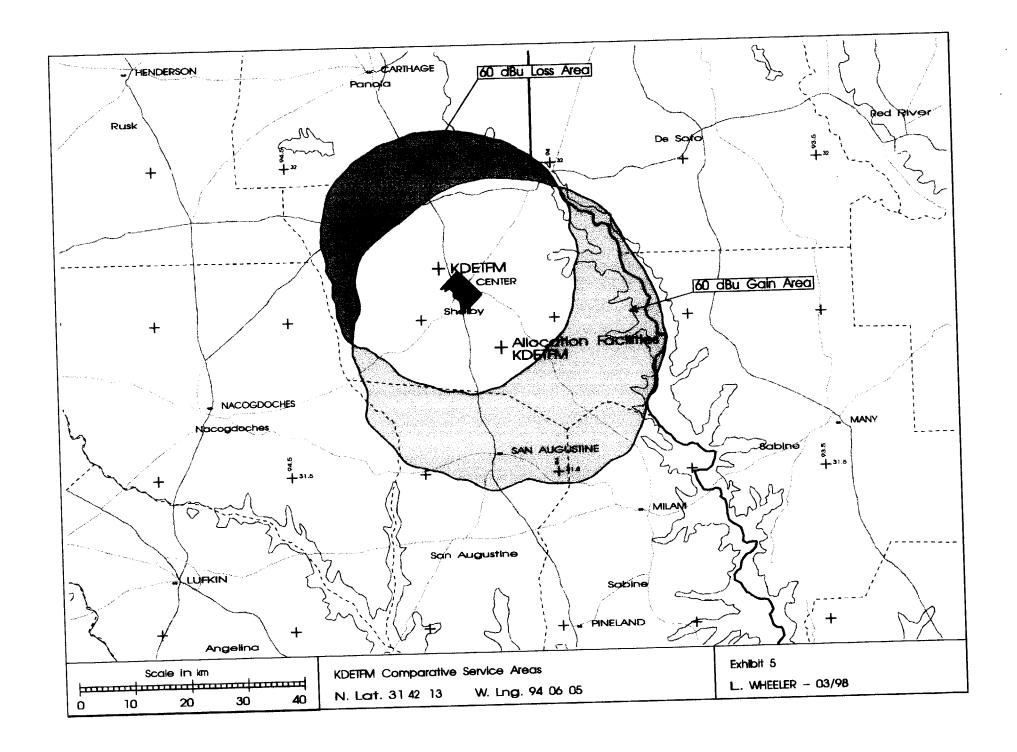
#### WHEELER BROADCAST CONSULTING 6025 Martway - Suite 112 - Mission KS 66202

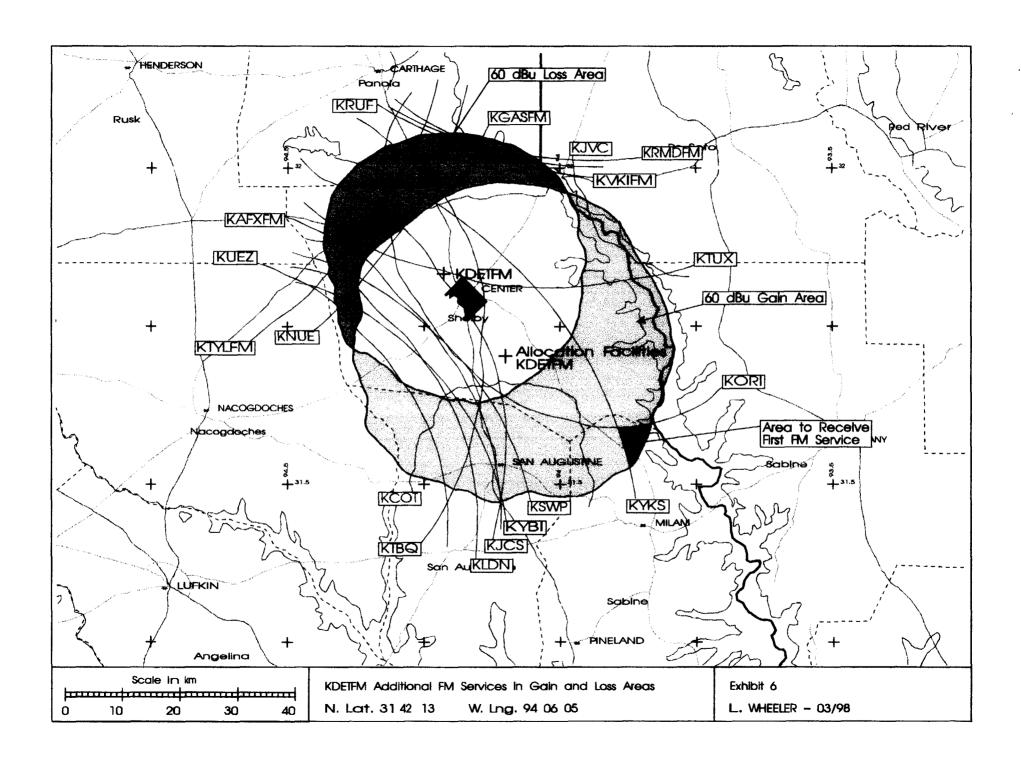
#### CLASS A

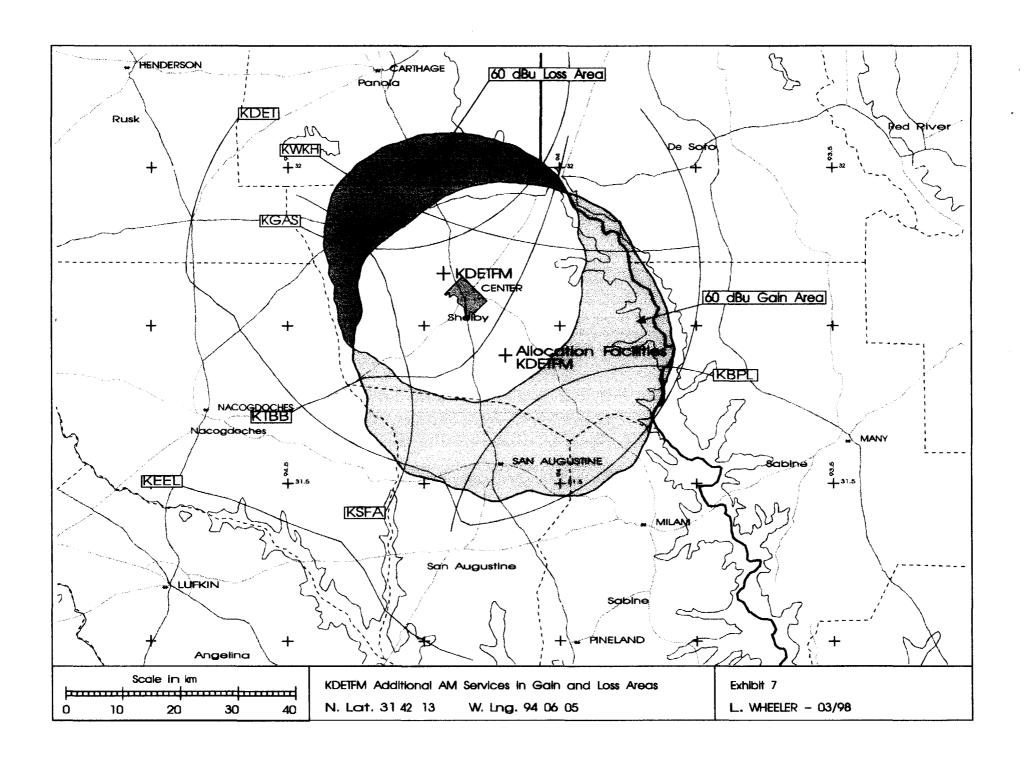
	CALL	CH#	CITY	STATE	BEAR'	D-KM	R-KM	MARGIN
	TYPE	LAT	LNG	PWR	HT	D-Mi	R-Mi	(KM)
_	]	Hunt B	40 95 57 09 roadcasting lication from			116.8 BLH9705	88.3 16KB	

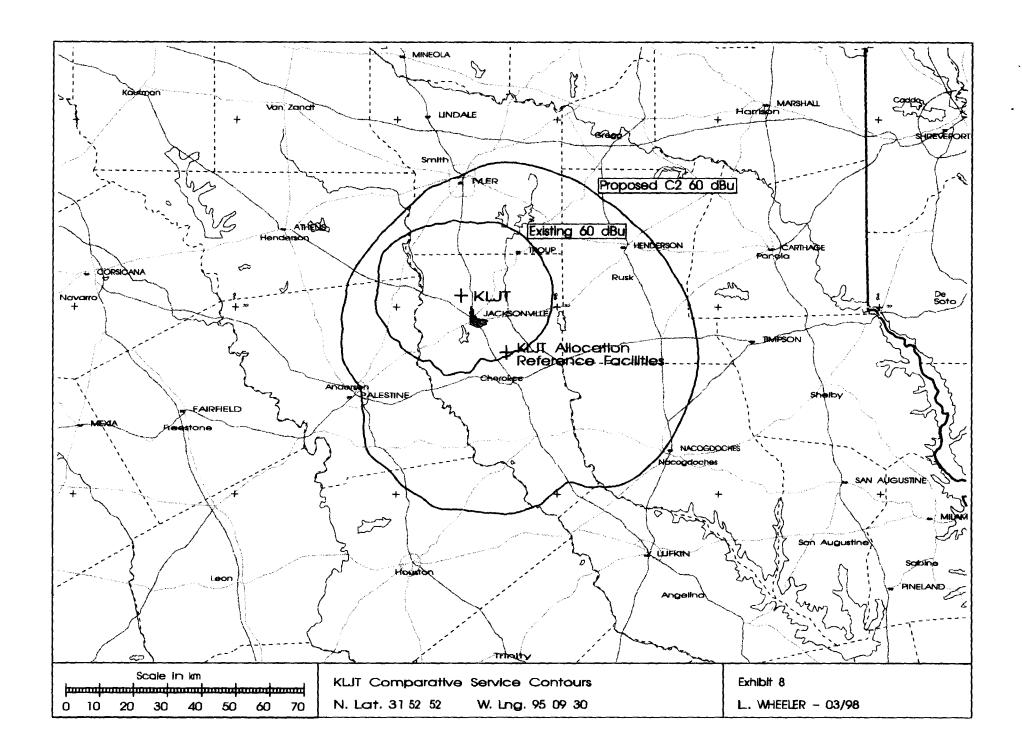












DUDLEY WALLER
Radio Center
P.O. Box 1648
Jacksonville, Texas 75766

March 17, 1998

Mr. Robert W. Shivery 5987 Wanner Road Narvon, PA 17555

Dear Mr. Shivery:

The purpose of this letter is to confirm that I have filed an application with the FCC for consent to acquire control of Center Broadcasting, Inc. which I expect will be granted this month and that I have agreed that after I acquire control of cause Center Broadcasting, Inc. the company will consent to the change of the channel of operation of Station KDET-FM, Center, Texas, to Channel 263A and to relocate KDET-FM so as to accommodate your proposal to upgrade Station KLJT, Jacksonville, Texas, from Class A to Class C2 on Channel 272.

Sincerely,

Dudley Walley